

PREPARATION OF AGENT FOR IMPARTING IRIDESCENT LUSTER

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Abstract

PURPOSE: To prepare the titled lustering agent for increasing the commercial value of cosmetics and detergents, etc., in high efficiency, by reacting a fatty acid glycol ester which is solid at normal temperature with a fatty acid dialkylol amide, and adding water to the reaction product while cooling.

CONSTITUTION: (A) A fatty acid glycol ester of formula $XO(-CH_2-CH_2-O)_n-COR_1$ (R_1 is 13-23C alkyl; n is 1-3; X is H or 14-24C acyl) which is solid at normal temperature and (B) a fatty acid dialkylamide of formula (R_2 is 9-14C alkyl; m is 2-3) are heated and molten under essentially anhydrous state to obtain a homogeneous liquid. Water is added to the liquid thus obtained under cooling at a temperature higher than the melting point of the fatty acid dialkylolamide and lower than the melting point of the fatty acid glycol ester, to obtain a concentrated agent for imparting iridescent luster. The amount of water to be added is at least 1/2 of the fatty acid dialkylolamide.

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